

### **In the Specification**

Please replace the following two paragraphs at page 7, lines 24-26 with the following:

FIGURE 11 is a bottom view of the blade of the plug baffle device of FIGURE 2 ~~bottom~~ end.

FIGURE 12 is a side elevation of another plug baffle device of this ~~the current~~ invention, this one with a helical blade engaged with the plug base.

Please replace the following two paragraphs at page 8, lines 1-4 with the following:

FIGURE 15 is a side sectional view of a straight-bladed ~~preferred~~ plug baffle device of this invention, installed in a cooling chamber of a mold.

FIGURE 16 is a side sectional view of a helical-bladed plug baffle device of this invention ~~with a helical blade~~, installed in a cooling chamber.

Please replace the following two paragraphs at page 8, lines 7-17 with the following:

A plug baffle device 10 of the prior art is shown in FIGURES 1A and 1B. These prior plug baffle devices 10 are used in molding equipment having strategically placed cooling chambers 11 in a circulating-water cooling system, better seen in FIGURES 15 ~~17~~ and 16 ~~18~~. These cooling chambers 11 are cylindrical with a cross-sectional diameter,  $d_1$ , and have a water inlet, a water outlet, and a plug-baffle installation port through which the prior plug baffle device 10 may be inserted and into which prior plug baffle device 10 may be removably installed. Coolant enters the cooling chamber through the water inlet and leaves the cooling chamber through the water outlet, after passing by plug baffle device 10. By way of example only, such arrangements may be found in plastic injection mold machinery, die-casting dies or molds and permanent molds usually at core areas in these molds

**In the Drawings**

Please delete Fig. 17.